

1 **Abstract**

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3 The present invention provides the use of nucleic acid
4 sequences and/or amino acid sequences in the
5 preparation of a vaccine for the protection of fish
6 against infectious salmon anaemia virus. Specifically,
7 such vaccines contain at least one nucleic acid
8 sequence which is derived from ISAV or synthetically
9 prepared analogues thereof, or substantially homologous
10 sequences. These nucleic acid sequences are
11 transcribed and translated into peptide sequences
12 which are incorporated into a vaccination strategy to
13 induce and immune response to the surface antigens of
14 ISAV and therefore ISAV itself. Therefore both the use
15 of a vaccine against ISAV, and the incorporation of
16 peptide sequences is herein described.